

Amendment to the Claims

Listing Of Claims

1. (currently amended): A stable, aqueous-aqueous emulsion comprising
 - (1) a dispersed aqueous phase comprising a molecule or combination of molecules meeting the following criteria:
 - (a) water ~~stability~~ solubility of greater than 5%; and
 - (b) MW > about 200 and < about 200,000; and
 - (2) a continuous phase comprising surfactant or surfactant system having micelles in rod-like shape,

wherein rod-like is defined by a surfactant parameter of surfactant or surfactants forming the micelle, N_s , of about $1/3 - 1/2$, where N_s is defined by the equation:

$$N_s = V / la_o$$

where

V = volume of the hydrophobic portion of the surfactant volume;

l = the length of the hydrocarbon claims of the surfactant; and

a_o = effective area for head group[.];

wherein the molecules in the dispersed phase are selected from the group consisting of maltodextrins having MW of about 500 to 5000; PVP having MW of about 7000; dextran having MW of about 70,000; PEG having MW of about 1000, and mixtures thereof.

2. (original): An emulsion according to claim 1, wherein molecule or combination of molecules in dispersed phase has solubility in water > 10%.

3. (original): An emulsion according to claim 1, wherein molecule or combination of molecules in dispersed phase has solubility in water > 15%.
4. (original): An emulsion according to claim 1, wherein molecule or combination of molecules in dispersed phase has MW > 250.
5. (original): An emulsion according to claim 1, wherein molecule or combination of molecules in dispersed phase has MW < 195,000.
6. (original): An emulsion according to claim 1, wherein surfactant system of continuous phase comprises alkali metal ether sulfate and cocoamidopropyl betaine.
7. (original): An emulsion according to claim 1, wherein the ratio of alkali metal ether sulfate to betaine is about 2:1.
8. (original): An emulsion according to claim 1, wherein the surfactant system of continuous phase comprises a surfactant blend comprising anionic and cocomoethanolamide (CMEA) in combination with betaine.
9. (original): An emulsion according to claim 1, wherein the blend is used in ratio of alkali metal ether sulfate to betaine of about 4:1.

10. (cancelled).

11. (cancelled).

12. (cancelled).

13. (cancelled).

14. (original): An emulsion according to claim 1, additionally comprising salt.

15. (original): An emulsion according to claim 1, additionally comprising glycerin.

16. (currently amended): A process for forming a stable aqueous-aqueous emulsion which process comprises adding to surfactant or surfactant system having surfactant parameter of the surfactant or surfactants, N_s , of about $1/3 - 1/2$, wherein N_s is defined by the equation:

$$N_s = V / la_o$$

where V = volume of the hydrophobic portion of the surfactant volume;
 l = the length of the hydrocarbon claims of the surfactant; and
 a_o = effective area for head group,

a molecule meeting the following criteria:

- (a) ~~water soluble~~ solubility of greater than 5%; and
- (b) $MW > \text{about } 200$ and $< \text{about } 200,000$ [[.]];

wherein said molecule is selected from the group consisting of maltodextrins having MW of about 500 to 5000; PVP having MW of about 7000; dextran having MW of about 70,000; PEG having MW of about 1000, and mixtures thereof.